

Notice of Allowability

Application No.

10/669,260

Examiner

Karabi Guharay

Applicant(s)

JUNG, SUNG-HAN

Art Unit

2879

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment, filed on 11/28/2005.
2. ☒ The allowed claim(s) is/are 1-18.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

Response to Amendment

Amendment, filed on 11/28/2005, has been considered and entered.

Amendments of title and abstract have been acknowledged.

Amendments of claims 6-7, 13-14 & 17-18 overcome the rejection of claims under 35 USC 112 second paragraph.

Correction of inventor ship overcomes the rejection of claims 1 & 8-9 under 35 USC 102(a) over the prior art (KR 2002076830A).

Examiner's Amendment

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Eric J. Nuss on 2/1/06.

The application has been amended as follows:

Cancel the amendment of specification, filed on 11/28/ 2005.

In the specification

Throughout paragraphs 0031, 0033, 0036, 0037, 0041, 0044, 0045, 0049, 0052,0053, in each occurrence,

$\frac{USD}{2} \times TOR$ has been replaced by $\frac{USD}{2 \times TOR}$,

and $\frac{USD}{2} \times RL$ has been replaced by $\frac{USD}{2 \times RL}$.

Allowable Subject Matter

Claims 1-18 are allowed over the prior art of record.

Examiner's Reasons for Allowance

The following is an examiner's statement of reason for allowance:

Regarding claim 1, the prior art of record neither shows nor suggests a color cathode ray tube comprising all the limitations set forth in claim 1, particularly comprising a panel having aspect ratio about 4:3 and a diagonal length UDS of a viewable image size of the panel is less than 520mm and wherein $0.44 \leq \text{OAH/TOR} \leq 0.56$, where TOR is distance between an end of the deflection yoke adjacent to the panel and a coupling surface between the panel and the funnel, and where OAH is distance between center of the outer surface of the panel and the coupling surface between the panel and the funnel.

Regarding claim 8, the prior art of record neither shows nor suggests a color cathode ray tube comprising all the limitations set forth in claim 1, particularly comprising a panel having aspect ratio about 4:3 and a diagonal length UDS of a viewable image size of the panel is greater than or equal to about 520 mm and wherein $0.41 \leq \text{OAH/TOR} \leq 0.74$, where TOR is distance between an end of the deflection yoke adjacent to the panel and a coupling surface between the panel and the funnel, and where OAH is distance between center of the outer surface of the panel and the coupling surface between the panel and the funnel.

Claims 2-7 are allowed for the same reason as claim 1 for their dependency status from claim 1.

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Claims 9-13 are allowed for the same reasons as claim 8, for their dependency status from claim 8.

Reasons for allowance of claim 15 are presented in previous office action.

Claims 16-18 are allowed for the same reasons as in claim 15 for their dependency status from claim 15.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Karabi Guharay whose telephone number is (571) 272-2452. The examiner can normally be reached on Monday-Friday 8:30 am - 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nimeshkumar D. Patel can be reached on (571) 272-2457. The fax phone number for the organization is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Karabi Guharay
Karabi Guharay
Primary Examiner
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